

**GL: PROTECT Planning Studies
(VAR230201)**

Last updated with TIP Revision 2023-08

Back-Up Listing for the PROTECT Planning Studies Grouped Listings (VAR230201)

State Fiscal Year	District	Agency	MPO	County	Project Title	Project Study Area	Scope of Work	Grouped Projects Listing	Federal Share (PROTECT Planning Set-Aside)	State Match (Min. 20%)	Current Total Project Cost Estimate
22/23	4	Caltrans	MTC	Marin	Highway 1 Sea Level Rise Adaptation Planning Study	Along the eastern shoreline of Bolinas Lagoon, between Stinson Beach and Woodville (MRN 1: 17.6/12.21).	The adaptation planning study will contribute to advancing a climate resilient approach for Highway 1 along the eastern shoreline of Bolinas Lagoon in Marin County. The study will include a robust technical analysis of existing and anticipated climate change impacts in the location, analyze various climate change adaptation options for the transportation system, with a focus on sea level rise, shoreline modeling, sediment conveyance, and wind wave runup/hightides (and other technical areas as required by the California Coastal Commission). (Project is consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Planning activities conducted pursuant to titles 23 and 49 U.S.C.)	Grouped Projects for Planning activities	\$462,272	\$115,568	\$577,840
23/24	4	Caltrans	MTC	Marin	Highway 1 Sea Level Rise Adaptation Planning Study	Along the eastern shoreline of Bolinas Lagoon, between Stinson Beach and Woodville (MRN 1: 17.6/12.21).	See above.	Grouped Projects for Planning activities	\$80,000	\$20,000	\$100,000